**Course Outline**

* **Section - A ABAP Objects**
* Introduction to Object-Oriented Programming
* The Object-Oriented Programming Model
* Analysis and Design with UML
* Fundamental Object-Oriented Syntax Elements
* Object-Oriented Concepts and Programming Techniques
* Inheritance and Casting
* Interface and Casting
* Events
* Object-Oriented Repository Objects
* Global Classes and Interfaces
* Special Object-Oriented Programming Techniques
* Persistent Objects with ABAP Objects
* Exception Handling and RTTS
* Exception Handling in ABAP Objects
* RTTS (Run Time Type Service)
* **Section - B Advanced ABAP**
* ABAP Runtime
* ABAP Types and Data Objects
* Data Types and Data Objects
* Using Structures
* Global Types and Global Constants
* Internal Tables
* Defining Internal Tables
* Using Internal Tables
* Function Groups
* Function Groups
* Function Modules
* Calling Function Modules
* **Section - C Developing User Dialogs**
* Introduction to Screen Programming
* Principles of Screen Programming
* Screen Modification and Sequence
* The Program Interface
* User Interfaces
* GUI Status
* Screen Elements for Output
* Text Fields
* Status Icons and Group Boxes
* Screen Elements for Input / Output
* Input / Output Fields Overview
* Checkboxes, Radio Button Groups, and Pushbuttons
* Screen Elements: Subscreens and Tabstrip Controls
* Subscreens
* Tabstrip Controls
* Screen Elements: Table Controls
* Processing Table Controls
* Lists and Context Menus
* Lists in Screen Programming
* Context Menus
* Screen Programming
* General Screens
* Selection Screens
* Messages